

Han 12Q-FI-CRT- Hybrid



Image is for illustration purposes only. Please refer to product description.

| | |
|--------------------|---|
| Part number | 09 12 012 3106 |
| Specification | Han 12Q-FI-CRT- Hybrid |
| HARTING eCatalogue | https://b2b.harting.com/09120123106 |

Identification

| | |
|----------------|--------------------|
| Category | Inserts |
| Series | Han [®] Q |
| Identification | Hybrid |

Version

| | |
|---------------------------|-------------------|
| Termination method | Crimp termination |
| Gender | Female |
| Size | 3 A |
| Number of contacts | 8 |
| Number of signal contacts | 4 |
| Number of power contacts | 4 |
| PE contact | Yes |

| | |
|---------|---|
| Details | Please order crimp contacts separately. |
| | 4x Han E [®] |
| | 4x Han D [®] |
| Details | Please order data or coding element separately. |
| Details | Please contact your local HARTING subsidiary for selection of suitable angled hood or housing in case of application with data element. |

Technical characteristics

| | |
|-------------------------|-------------------------------------|
| Conductor cross-section | 0.14 ... 2.5 mm ² Signal |
| | 0.14 ... 4 mm ² Power |
| Conductor cross-section | AWG 26 ... AWG 14 Signal |
| | AWG 26 ... AWG 12 Power |
| Rated current (signal) | 10 A |



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Technical characteristics

| | |
|--------------------------------|-------------------|
| Rated voltage (signal) | 250 V |
| Rated impulse voltage (signal) | 4 kV |
| Pollution degree (signal) | 3 |
| Rated current (power) | 20 A |
| Rated voltage (power) | 600 V |
| Rated impulse voltage (power) | 6 kV |
| Pollution degree (power) | 3 |
| Insulation resistance | $>10^{10} \Omega$ |
| Limiting temperature | -40 ... +125 °C |
| Mating cycles | ≥ 500 |

Material properties

| | |
|---|------------------------------|
| Material (insert) | Polycarbonate (PC) |
| Colour (insert) | RAL 7032 (pebble grey) |
| Material flammability class acc. to UL 94 | V-0 |
| RoHS | compliant |
| ELV status | compliant |
| China RoHS | e |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Not contained |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead Nickel |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R22 (HL 1-3) R23 (HL 1-3) |

Specifications and approvals

| | |
|----------------|--------------------------|
| Specifications | IEC 60664-1 IEC 61984 |
|----------------|--------------------------|

Commercial data

| | |
|----------------|--------|
| Packaging size | 10 |
| Net weight | 10.2 g |



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Commercial data

| | |
|--------------------------------|---|
| Country of origin | China |
| European customs tariff number | 85366990 |
| GTIN | 5713140282728 |
| ETIM | EC000438 |
| eCl@ss | 27440205 Contact insert for industrial connectors |